ABSTRACT

A neuromuscular monitoring system comprises at least one neurostimulator to apply muscle-activating stimulation signals to a patient's body via at least one electrode, and at least one pressure waveform sensor to detect pressure waveform signals produced by a patient's muscle in response to the applied stimulation signals. The detected pressure waveform signals are processed and data related to these detected pressure waveform signals are displayed. A method for neuromuscular monitoring using pressure waveform sensors is also described.